



Declaration and Power of Attorney for Patent Application

As a below named inventors, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought, on the invention entitled KVLQT1 - A LONG QT SYNDROME GENE, the specification of which

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|---------------------------------------|------------------------------|----------------------------------|---------------|-----------|
| [] is attached hereto. | | • | | |
| [x] was filed on: 17 Augu | | | | |
| Application Serial No.: | 09/135,010 | | | |
| and was amended on: | | | | |
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| I hereby state that I have reviewed | and understand the conten | ts of the above-identified spec | ification, in | cluding |
| the claims, as amended by any am | endment referred to above. | K. | • | Ü |
| *** | | • | | |
| l acknowledge the duty to disclose | e information which is mate | erial to patentability in accord | ance with Ti | tle 37 |
| Code of Federal Regulations, § 1. | Sala) | mar to patentability in accorda | | це эт, |
| ii | 50(a). | | | |
| harehy claim foreign priority have | ofita undan Titla 25 I Inita | 1.04-4 0-1- 0.110 -0 0- | | . A |
| hereby claim foreign priority ben | lents under Thie 35, United | 1 States Code, § 119 of any fo | reign applica | mon(s) |
| for patent or inventor's certificate | listed below and have also | identified below any foreign a | pplication fo | or patent |
| or inventor's certificate having a fi | ling date before that of the | application on which priority | is claimed: | |
| | | | | |
| Prior Foreign Application(s) | | | Priority C | laimed |
| | | | | |
| | | | [] | [] |
| (Number) | (Country) | (Day/Month/Year) | Yes | No |
| | | | | |
| | | | [] | [] |
| (Number) | (Country) | (Day/Month/Year) | Yes | No |
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| hereby claim the benefit under Ti | itle 35 United States Code | & 119(e) of any United States | provisional | |
| application(s) listed below. | inco 55, Office Builds Code | g 115(c) of any Omica blates | provisionm | |
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| 60/094,477 | | | | |
| 60/094,477 (Application Serial No.) | | | | |
| (Application Serial No.) | (Filing Da | te) | | |
| (Application Serial No.) 60/019,014 | (Filing Da | te) er 1995 | | |
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I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| _08/921.068(Application Serial No.) | 29 August 1998 (Filing Date) | (Status) |
|-------------------------------------|---------------------------------|----------|
| 08/739,383 | 29 October 1996 | |
| (Application Serial No.) | (Filing Date) | (Status) |

I or we hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to ROTHWELL, FIGG, ERNST & KURZ, p.c., Suite 701-E, 555 13th Street, N.W., Washington, D.C 20004

D. C. (***)

G. Franklin Rothwell, Reg. No. 18,125 E. Anthony Figg, Reg. No. 27,195 Barbara G. Ernst, Reg. No. 30,377 George R. Repper, Reg. No. 31,414 Bart G. Newland, Reg. No. 31,282 Vincent M. DeLuca, Reg. No. 32,408 Celine Jimenez Crowson, Reg. No. 40,357 Joseph A. Hynds, Reg. No. 34,627 Michael G. Sullivan, Reg. No. 35,377 Mark I. Bowditch, Reg. No. 40,315 Robert J. Jondle, Reg. No. 33,915 Kenneth M. Fagin, Reg. No. 37,615 Stephen B. Parker, Reg. No. 36,631 Minaksi Bhatt, Reg. No. 35,447 Don M. Kerr, Reg. No. 22,720 Jeffrey W. Rennecker, Reg. No. 40,784 Jeffrey L. Ihnen, Reg. No. 28,957 Stephen A. Saxe, Reg. No. 38,609





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| Fourth Named Inventor Gregory M. LANDES | Signature The port he Sandes | Date |
| Residence 19 Indian Meadow Drive, Northboro | | Citizenship United States of America |
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| Fifth Named Inventor Timothy D. CONNORS | Signature Sunat D. Cours | Date |
| Residence 227 Wood STR 304 Hayden Rowe Street, Hopkinton | Clet) | Citizenship United States of America |
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| | mature Monothe C. Busa | Date 02/07/198 |
|---|---------------------------|-----------------------------------|
| Residence 212 Marian Court, Belle Terre, Hockessin, Delawar | į (| Citizenship States of Afficica |
| Rost Office Address Same as above | | |
| Seventh Named Inventor Sig Igor SPLAWSKI | gnature | Date |
| Residence 900 East Street, Apt. 140, Salt Lake City, Utah 8412 | | Citizenship Poland |
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 60/094,477
 29 July 1998

 (Application Serial No.)
 (Filing Date)

 60/019,014
 22 December 1995

 (Application Serial No.)
 (Filing Date)

application(s) listed below.





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| 08/739,383 (Application Serial No.) | 29 October 1996 (Filing Date) | (54-4) | |
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| First Named Inventor Signature Mark T. KEATING | Date |
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| Residence 78 Laurel Street, Salt Lake City, Utah 84103 | Citizenship United States of America |
| Post Office Address Same as above | |
| Second Inventor Signature Michael C. SANGUINETTI Michael Langungth | Date /2-Feb-99 |
| Residence 726 N. Donner Hill Road, Salt Lake City, Utah 84108 | Citizenship United States of America |
| Post Office Address Same as above | |
| Third Named Inventor Signature Mark E. CURRAN | Date |
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| Fourth Named Inventor Signature Gregory M. LANDES | Date |
| Residence 19 Indian Meadow Drive, Northboro, Massachusetts 01532 | Citizenship United States of America |
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| Fifth Named Inventor Signature Timothy D. CONNORS | Date |
| Residence 304 Hayden Rowe Street, Hopkinton, Massachusetts 01748 | Citizenship United States of America |
| Post-Office Address Same as above | |



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|---|--|---|
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| Post Office Address Same as above | and the second of the second o | |
| Seventh Named Inventor Igor SPLAWSKI | Signature | Date |
| Residence 900 East Street, Apt. 140, Salt Lake City, | , Utah 84124 | Citizenship Poland |
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60/019,014

(Application Serial No.)



Declaration and Power of Attorney for Patent Application

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| [] is attached hereto. [x] was filed on: 17 Augu Application Serial No.: and was amended on: | | | | |
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| I acknowledge the duty to disclose Code of Federal Regulations, § 1.5 | e information which is mat 56(a). | erial to patentability in accord | ance with Ti | tle 37, |
| I hereby claim foreign priority ben for patent or inventor's certificate l or inventor's certificate having a fi | listed below and have also | identified below any foreign a | application for | ation(s) or patent |
| Prior Foreign Application(s) | | | Priority C | laimed |
| (Number) | (Country) | (Day/Month/Year) | [] Yes | [] No |
| (Number) | (Country) | (Day/Month/Year) | [] Yes | [] No |
| I hereby claim the benefit under Ti application(s) listed below. | tle 35, United States Code | § 119(e) of any United States | provisional | |
| 60/094,477 | 29 July 19 | 98 | | |
| (Application Serial No.) | (Filing D | ate) | | |

22 December 1995

(Filing Date)





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| 08/921:068 | 29 August 1998 | |
|--------------------------|------------------|----------|
| (Application Serial No.) | (Filing Date) | (Status) |
| 08/739,383 | _29 October 1996 | |
| (Application Serial No.) | (Filing Date) | (Status) |

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Atty. Docket No. 2323-133

Declaration and Power of Attorney for Patent Application

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| Code of Federal Regulations, § 1 | .56(a). | ariar to paternaumity in accorda | ince with 11 | de 37, |
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| (Number) | (Country) | (Day/Month/Year) | [] Yes | [] No |
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| I hereby claim the benefit under I application(s) listed below. | itle 35, United States Code | § 119(e) of any United States | provisional | |
| 60/094,477 | 29 July 199 | 98 | | |
| (Application Serial No.) | (Filing Da | | | |
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| 08/921 068 | 29 August 1998 | |
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| (Application Serial No.) | (Filing Date) | (Status) |
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| First Named Inventor Mark T. KEATING | Signature May To | 4-27 |
|--|------------------|--|
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| Post Office Address Same as above | |
| Seventh Named Inventor lgor SPLAWSKI | Date 4/27/29 |
| Residence 900 East Street, Apt. 140, Salt Lake City, Utah 84124 | Citizenship Poland |
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